

Soleidae

Brachirus annularis m-f.

" megalepis doura m-f -

Cynoglossidae

Cynoglossus philippinus m-f -

Lycodes phoeniceus maculatus m-f -

~~Forcipomyia platycera~~ *platycera*
P. 3957

~~Lepidolabidus~~ *maurobrachium*
P. 5442

" *philippinum* P. 4368
~~Leucophlebiella~~ *mauritius*

5958 U. S. N. M.

~~Brachylabidus~~ *maculiferus*
P. 9652

~~Afroclastides~~ *philippinum*
P. 3759

On Scoparia ~~and~~ ~~Scoparia~~ n. sp. (3)

• 23 " ~~gibberiflora~~ n. sp. (2)

• 24 " ~~mycetadampia~~ n. sp. (1)

• 25 ~~Scoparia~~ ~~opposita~~ ~~Scoparia~~ n. sp. ~~Scoparia~~ n. sp.

• 26 " ~~Scoparia~~ ~~opposita~~ ~~Scoparia~~ n. sp.

• 27 " ~~mycetadampia~~ n. sp.

• 28 " ~~Scoparia~~ ~~opposita~~ ~~Scoparia~~ n. sp.

• 29 ~~Scoparia~~ ~~opposita~~ ~~Scoparia~~ n. sp.

• 30 ~~Phenax~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 31 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 32 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 33 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 34 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 35 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 36 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 37 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 38 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 39 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 40 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

• 41 ~~Scoparia~~ ~~Scoparia~~ ~~Scoparia~~ n. sp.

060 ~~Monopeltis~~ *leptophis* for ~~comps~~ m. 2
 4-6 ~~Brachycomps~~ *leptophis* at ~~Chennai~~ m. 2
 043 ~~Monopeltis~~ ~~leptophis~~ ~~gracilis~~ m. 2
 44 " ~~leptophis~~ ~~gracilis~~ m. 2
 045 *Lepidophis* ~~leptophis~~ ~~gracilis~~ m. 2
 046 " ~~leptophis~~ ~~gracilis~~ m. 2
 047 " ~~leptophis~~ ~~gracilis~~ m. 2
 48 " ~~leptophis~~ ~~gracilis~~ m. 2
 49 " ~~leptophis~~ ~~gracilis~~ m. 2
 050 " ~~leptophis~~ ~~gracilis~~ m. 2
 051 *Pachyphis* ~~leptophis~~ ~~gracilis~~ m. 2
 052 *Bovitis* ~~leptophis~~ ~~gracilis~~ ~~platynotus~~ m. 2
 053 *Dipsas* ~~leptophis~~ ~~gracilis~~ m. 2
 054 *Dipsas* ~~leptophis~~ ~~gracilis~~ m. 2
 055 *Dipsas* ~~leptophis~~ ~~gracilis~~ m. 2
 056 *Pseudoleptophis* ~~leptophis~~ ~~gracilis~~ m. 2
 057 *Satyrus* ~~leptophis~~ ~~gracilis~~ m. 2
 058 " ~~leptophis~~ ~~gracilis~~ m. 2
 059 *Neuroleptis* ~~leptophis~~ ~~gracilis~~ m. 2
 60 ² *Batypholus* ~~leptophis~~ ~~gracilis~~ m. 2
 60 *Caudina* ~~leptophis~~ ~~gracilis~~ m. 2
 61 *Stolegnathus* ~~leptophis~~ ~~gracilis~~ m. 2
 62 *Gambelias* ~~leptophis~~ ~~gracilis~~ m. 2
 63 *Pseudaphis* ~~leptophis~~ ~~gracilis~~ m. 2
 64 ² *Agathis* ~~leptophis~~ ~~gracilis~~ m. 2
 65 *Stolegnathus* ~~leptophis~~ ~~gracilis~~ m. 2

Lophobranchii

Syngnathidae

- 8 *Wunkerocampus pulliferus* n.s.
- 9 *Syngnathus micropterus* n.s.
- 10 *Wunkerocampus philippinus* n.s.

Macrorhamphosidae

Macrorhamphosinae n.s.f. First dorsal
spine quite short.

Macrorhamphosus Lacépède 1803

Notopogon Regan 1914

Centriiceps Gill 1862

Scolapacichthysinae n.s.f. First d. spine
 $\frac{2}{3}$ long as second, which long as head,
distance from head to caudal or depth
of body.

Scolapacichthys Regan 1914

- 11. *Bathysepiolops microcephalus* n.s.
- 12 *Brama leucostoma* n.s.
- 13 *Brama odessana philippinus* n.s.
Alipia Vauvau
Brama chilensis n.s. subsp.
- 14 *Urospis pectoralis* n.s.

(FO)

1. *Bathygobius malayanus* n. sp.
 2. *Bathygobius megalepis* n. sp.
 3. " *gracilis* n. sp.
 4. *Yarlichthysinae*
 5. *Glyptothorax philippinus* n. sp.
 6. *Parathraebichthysinae*
 7. *Aulostraebichthys* (Parathraebichthys)
 8. *Parathraebichthys lotus* n. sp.
 9. *Aulostrophosaturnus* (Hoploliteus)
 10. *Hoploliteus melanopterus* n. sp.
 11. " *metallicus* n. sp.
 12. *Elmichthys amphioxus* n. sp.
 13. *Thymallus microstomus* n. sp.
 14. *Schlegelichthys philippinus* n. sp.
 15. *Macrorhamphosinae*
 16. *Scolapaeichthysinae*
 17. *Bathygobius lotus* (Bathygobius) n. sp.
 18. *Brama brama* n. sp.
 19. *Benthodermis philippinus* n. sp.
 20. *Hoplostethus maculatus* n. sp.
 21. *Cirrhitichthys analis* n. sp.
 22. *Aulostrophosaturnus* (Hoploliteus) n. sp.
 23. *Hoplostethus maculatus* n. sp.
 24. *Scolapaeichthys* (Scolapaeichthys) n. sp.
 25. *Hoplostethus maculatus* n. sp. (6)
 26. " *gibbosus* (Scolapaeichthys) n. sp. (5)
 27. " *gibbosus* (Scolapaeichthys) n. sp. (4)

Scrophulariaceae Linnaeus

malacanthidae

Cefalidae

Cerithiidae

Cheilodactylidae

8 pt. Teaded

475

Follow-Incl Caps

134789. 494

6783. ~~H~~ Tictauan Island, east of Zamboanga. September 8, 1909. Length 278 mm.

Lower gill rakers 17.

19780. ~~H~~ Gomomo Island, Pitt Passage. December 3, 1909. Length 129 mm.

No. 6575 U.S.N.M. ~~H~~ Bonin Islands. William Stimpson. Length 115 mm.

No. 19239 U.S.N.M. ~~H~~ Fanning Islands. Dr. T.H. Streets. Length 260 mm.

No. 29662 U.S.N.M. ~~H~~ Johnston Island. Length 360 mm. Type of Upeneus preorbitalis.

No. 30579 U.S.N.M. ~~H~~ New Guinea. Australian Museum. Length 214 mm. Lower gill
rakers 21.

No. 34806 U.S.N.M. ~~H~~ Apia, Samoa. Dr. W.H. Jones. Length 237 mm.

No. 51105 U.S.N.M. ~~H~~ Hawaiian Islands. Bureau of Fisheries (No. 03781). Length
188 mm.

No. 51982 U.S.N.M. ~~H~~ Negros, Philippines. Dr. Bashford Dean. Length 210 mm. Lower
gill rakers 17.

Dermatophidae

Bathyclupeidae

• 2. Bathy clupea megalops n. sp.

gracilis n. sp.

Trachichthyidae

Trachichthynal. Vent normally situated,
at least between ventrals

Trachichthys Shaw + Hodder 1799

Hoplostethus Val. 1829

Gephyroberyx Boul. 1902 [G. philippinus n. sp.]

Leiogaster Weber 1913

Kordogaster Parr 1933

Paratrachichthynal Vent more advanced,
close behind ventral bases; abdominal
ferrae behind vent

• 5. Paratrachichthys Waite 1899

Hoplostethus

Hoplostethus n. subgenus. Body without
silvery lateral tube-like striae on
under surfaces. (H. mediterraneus Val.)

• 6. Aulohoplostethus n. subg. Silvery
lateral tube-like striae areas on chest,
breast, prepectoral region and along
abdominal edge. (H. metallicus n. sp.)
(aulos tube + Hoplostethus)

Bathyserilops ^{not valid} new genus

Body elongate ovate, compressed. Head small, truncated in front. Snout short, convex. Eye large, before middle in head, deeper than long. Mouth small, low, jaws equal. Teeth very minute, form simple cutting edge, none on palate or tongue. Nostrils together, largely face forward, posterior deep vertical slit. Mandibular rami but little elevated inside mouth. Gill rakers attenuated, 15 below. Scales very deciduous, moderate, cycloid, irregular. Sides of head with few scales, otherwise naked. Lateral line axial, complete, tubes simple,

Lim

moderate. Dorsal spines all uniformly low and short, anterior rays elevated. Anal like soft dorsal. Caudal peduncle short. Paired fins small. Caudal moderate, with well developed rudimentary rays. Type Bathyseriops sinoceps Fowler.

Related to Bathyseriola Alcock 1890, from which it differs in the entirely different physiognomy, large eye, large scales and smaller paired fins.

Bathyseriops ^{simocephis} ~~megalops~~ new species

depth 3; head $3\frac{1}{3}$, width $1\frac{3}{4}$. Snout 5 in head, end rather deeply truncate, length $1\frac{1}{2}$ in eye; eye 3, horizontal diameter $1\frac{1}{5}$ in vertical diameter, or $1\frac{1}{3}$ in interorbital; maxillary reaches $\frac{1}{8}$ in eye, length $4\frac{1}{8}$ in head; teeth minute, form close set and firm, even, trenchant cutting edge; interorbital $2\frac{4}{5}$, elevated convexly; preopercle edge convex. Gill rakers 4 + 15, lanceolate, $1\frac{2}{3}$ in eye; gill filaments $\frac{4}{5}$ of gill rakers.

Scales, 52 in lateral line (pockets) to caudal base; 10 above, 13 below, 11 predorsal forward opposite hind eye edge. Cheek, opercle and postocular with few large scales. Most of vertical

finis scaly basally. Scales with 2 or 3 basal radiating striae; circuli small, complete or only slightly obscured apically.

D. VII, 28, spines subequally short, fin height anteriorly $2\frac{1}{2}$ in head; A. III, 27, fin height $2\frac{7}{8}$; caudal I, well forked; least depth of caudal peduncle $2\frac{3}{4}$; pectoral $1\frac{3}{5}$, rays I, 17; ventral rays I, 5, fin $3\frac{3}{4}$? in head.

Dark violaceous brown generally. Iris brown. Fins brownish. Inside gill opening blackish brown.

U. S. N. M., no. D. 5619.

Albatross Collection. L.T. 3557.

November 22, 1909. Length 170 mm.
Type.

Bambrops filifer n. sp.

① 3095 (136) D. 5412. Mar. 23-09
3096 (217) " "
3097 (198) " "
3098 (249) " "
3099 (177) " "
3336 (138) D. 5418 Mar. 25, 09
3337 (183) " "
3338 (219) " "
3339 (238) " "
3422 (148) D. 55-20 Aug. 10-09
3444 (134) D. 55-42 " 20 "
3549 (216) D. 5440 May 10-09
4375 (111) D. 5244 May 15, 1908
4222 (98) D. 5653 Dec. 18-09
3782 (168) D. 5626 Nov. 29. 09
② 4678 (228) D. 5110 Jan. 5, 1908
5596 (260) D. 5216. Apr. 26, 1908
③ 3964 (85) D. 5462 Mar. 23-09
6675 88/249

Bembrois filifer n.sp.

P { 2012 (123) D.5502 Aug 4-09
{ 2636 (226) }
2224 (154) D.5519 Aug 9-09

2225 (88) " "
2226 (75) " "
2227 (90) " "
2282 (168) D.5409 Mar 18-09
2283 (190) " "
2307 (176) D.5402 Mar 16-09
2322 (119) D.5396 Mar 15-09
2323 (119) " "
2380 (183) D.5292 July 3, 1908
2538 (216) D.5417 Mar 25, 1909
2539 (190) " "
2561 (24-66-68) D.5444 June 30-09
2605 (227) D.5501 Aug 4-09
2824 (145-) D.5403 Mar 16-09
2825 (173) " "

Macbr. *liliifl.* n. sp.

2826(141) D 5403 Mar 16-09

~827(170) 11 4

2828(163) 114

2829 (104) 11

2917(215)D5372 Feb 24-09

(2986 (230) D.5374 March 29

(2987(228)) 11 44

2976 (118) D.3419 Mar. 25-09

2977 (213) "

2978 (219) "

1536 (233) D5575-Vef-23-09

1537 (173) 11 4

115-92 (2/4) D. 5576. Aug 9. 09

1394(186) 4 11

1595 (63) "

15-966(125-3) " "
15-967(125-3) " "

1397 (76) 14
1598 (91) 14

15-99 (156) " 2

1923 (150') " 4

Bembropha filiformis A.

Bembrops filifer

1 ex. 58 mm. D. 5273. July 14, 1908

(P) 2463 (86) D. 5476 June 24, 1909

1 ex. 93 mm. D. 5517 Aug. 9, 1909

1 ex. (head ^{longer} broken off) 110 mm. ?
D. 5260 June 3, 1908

169	5517	5221	193
270	5508	5218	195
226	5503	5235	109
178	5516	5244	171
102	5520	5260	234
210	5516	5292	162
145	5411	5243	218
162	5412	5273	114
159	5418	137	5626
172	5440	5576	5110
149	5409	5555	135
308	5444	5501	
182	5403	5575	
175	5419		
165	5417		
		5576	152
		5577	190
		5578	90

1000 ft. 2000 ft. 3000 ft. 4000 ft. 5000 ft. 6000 ft. 7000 ft. 8000 ft. 9000 ft. 10000 ft.

Oliver Point
New Bedford
1200 30° 45' N
The Grinnell Point

Dec. 19, 1907.

so i had to

